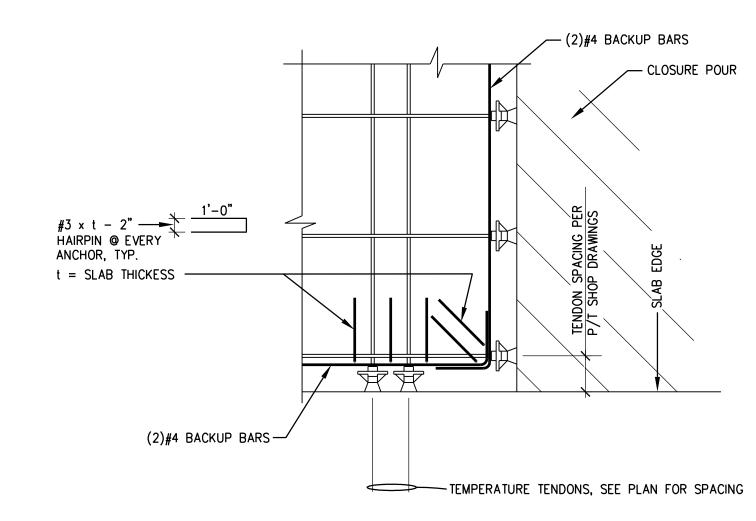


- 2. AT POUR STRIP, USE FIBER REINFORCED CONCRETE (MIN. DOSAGE POLYPROPYLENE FIBERS FOR PLASTIC SHRINKAGE-SEE SPECIFICATION SECTION 033000). 3. AT TOP OF POUR STRIP, PROVIDE 3/4" DEEP TOOLED JOINTS, FILLED WITH SEALANT, IN TRANSVERSE
- DIRECTION AT 4'-0" OC. 4. EPOXY COAT ALL REBARS 5. TOP AND BOTTOM BARS IN POUR STRIP TO BE CHAIRED DURING PLACEMENT OF ADJACENT SLABS. 6. PROVIDE 1" DIA. DRAIN HOLES AT MIDDLE OF BOTTOM FORM AT 4'-0" OC.



TENDON PLACEMENT @ CORNERS

P/T SLAB SCHEDULE						
MARK	Fe (Kips/Ft)	REMARKS	MARK	Fe (Kips/Ft)	REMARKS	
S1	13.3					
S2	4.5					
S3	6.7					
S4	18.1					
S5	7.2					
	Fe = Effective Post- Kips/Strand for 1/2"	-Tension Force After All L dia. strand	osses Temper	ature Tendon Fe = 2	6.5	

CONSTRUCTION JOINTS STRESSING END -P/T SLAB TENDON KEY

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RIP
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1. SEE DETAIL F1/S-510 FOR ADDITIONAL INFORMATION.

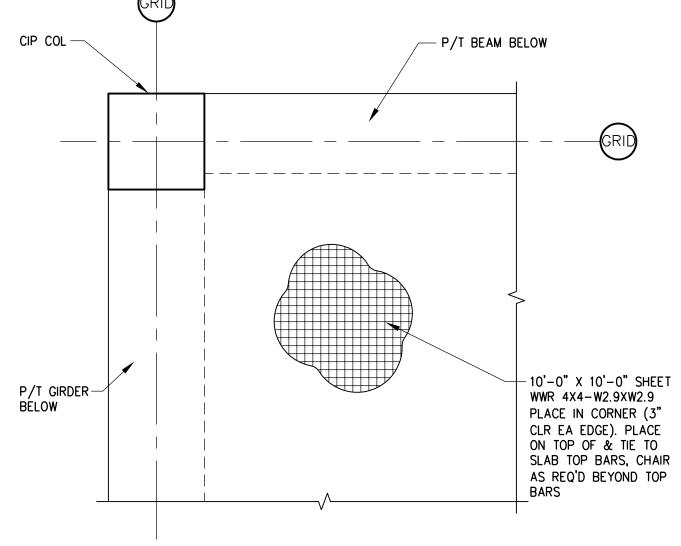
SLAB	NOTES:

- SEE SHEET S-001 FOR GENERAL NOTES.
- 2. LOCATION OF TENDONS BASED ON 1/2" DIA. 270 KSI STRANDS. 3. TEMPERATURE TENDONS PLACED ON TOP OF MAIN TENDONS AND AT MID-DEPTH OF SLAB AT ANCHORAGE. SEE PLANS FOR TEMPERATURE TENDON LOCATIONS.
- 4. USE (2) #4 BARS x CONT. THROUGH COLUMNS AT P/T ANCHORS. EPOXY COAT TOP REBAR.
- 5. MIN. END COVER ON P/T ANCHORS = $1 \frac{1}{2}$ ". 6. PROVIDE (2) ADDED P/T TENDONS THROUGH COLUMNS AT GRID A AND D AT ALL TIERS AND
- C AT TOP TIER WITH SAME PROFILE AS SLAB TENDONS.
- SEE PLANS FOR ADDITIONAL REINFORCEMENT. 8. "L" IS DISTANCE FROM BEAM CENTERLINE TO BEAM CENTERLINE.
- SUPPORT BARS FOR SLAB TENDONS, WHERE NEEDED, SHALL BE #4 BARS. 10. ALL REINFORCEMENT STEEL, CHAIRS WITHIN THE TOP 2" OF FLOOR SLAB SHALL BE EPOXY
- COATED. ALL P/T SLAB TOP BARS SHALL BE EPOXY COATED.
- 11. THE BEAM REINFORCEMENT SHALL NOT BE USED TO SUPPORT THE SLAB TENDONS.

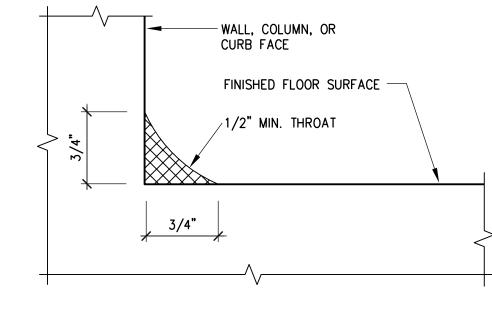
P/T SLAB TOP REINFORCING STEEL				
(EPOXY COATED)				
<	REINFORCEMENT	REMARKS		
	#4 x 5'-0" @ 16" O.C. WITH HOOK	TYP. OVER ALL EXTERIOR BEAMS		
	#4 @ 16" O.C. WITH HOOK	SEE PLAN FOR BAR LENGTH		
	#4 x 8'-0" @ 16" O.C.	TYP. OVER ALL BEAMS, U.N.O.		
	#4 x 10'-0" @ 14" O.C.	TYP. OVER TOP TIER BEAMS (EXPOSED TO SKY)		
	#5 X 16'-6" @ 16" O.C.	TYP. AT POUR STRIP		
	#4 @ 14" O.C. WITH HOOK	TOP TIER, SEE PLAN FOR BAR LENGTH		

P/T SLAB BOTTOM REINFORCING STEEL					
MARK	REINFORCEMENT	REMARKS			
RB1	#4 x FULL SPAN @ 16" O.C.	TYP. MIDSPAN OF END BAY, U.N.O.			
RB2	#4 x 7'-0" @ 16" O.C.	TYP. MIDSPAN OF ALL BAYS			
RB3	#5 x 11'-6" @ 10" O.C.	TYP. AT POUR STRIP			
RB4	#4 x FULL SPAN @ 14" O.C.	TYP. MIDSPAN AT 6 1/2" THICK SLAB			

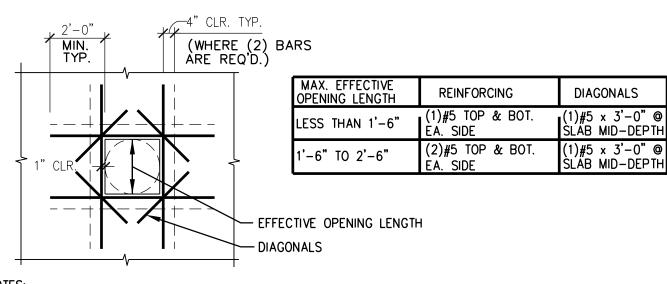
1. SEE DETAIL F1/S-510 FOR ADDITIONAL INFORMATION.



(D1) SLAB CORNER PLAN DETAIL

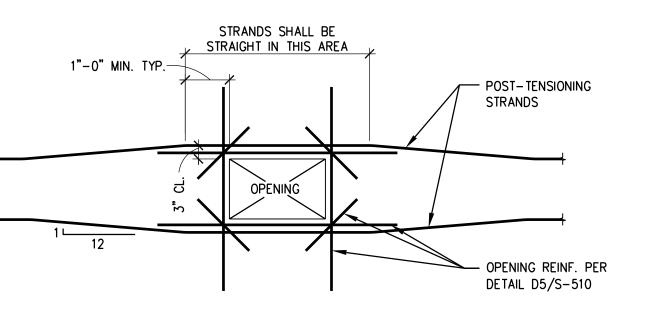


1. PREPARE AND ALLOW FOR PRIMER TO CURE PROPERLY PRIOR TO INSTALLING SEALANT. SEE SPECIFICATIONS FOR APPROVED MATERIALS. 3. DETAIL NOT TO SCALE.

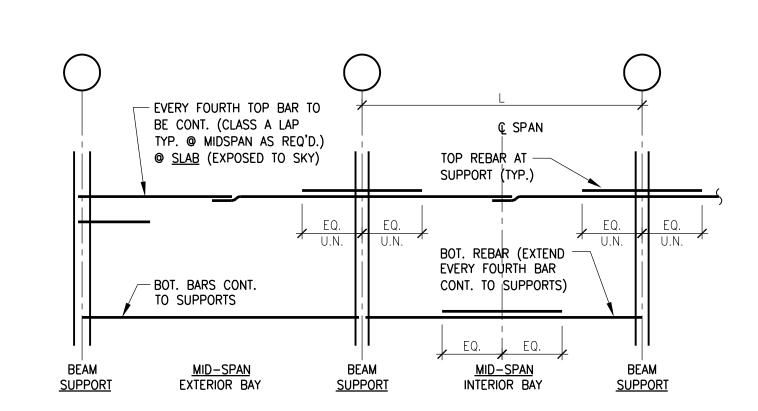


1. ALL OPENINGS WITH A DIMENSION OF 1'-0" OR GREATER SHALL BE 2. THIS REINF. IS IN ADDITION TO ANY REINF. INDICATED ON THE PLANS.

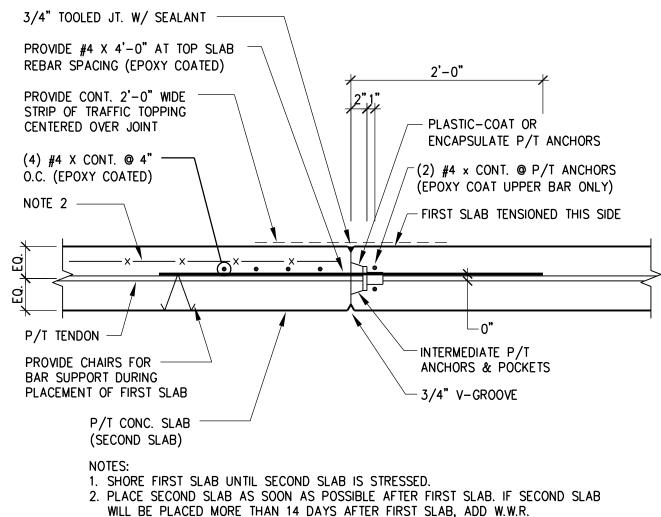
SLAB OPENING DETAIL



TENDON LAYOUT @ OPENING DETAIL

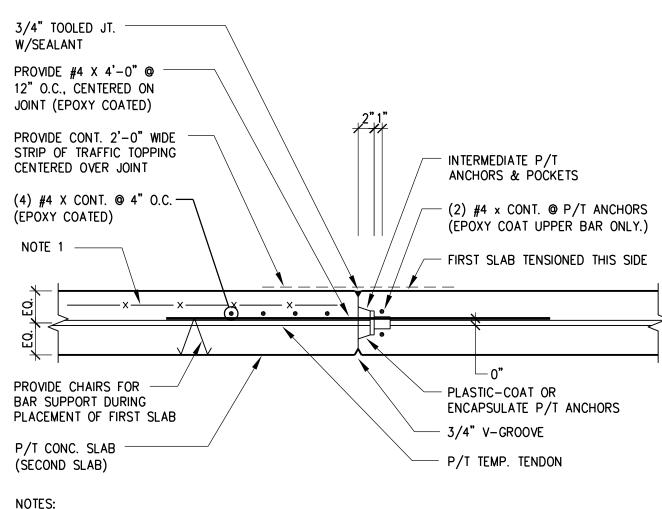


(F1) P/T SLAB MILD REINFORCEMENT DETAIL



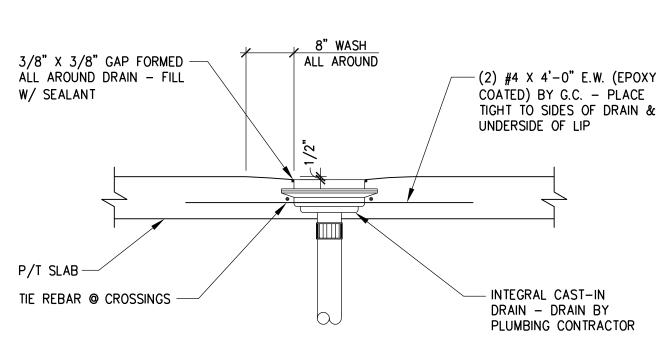
WILL BE PLACED MORE THAN 14 DAYS AFTER FIRST SLAB, ADD W.W.R. 4X4-W2.9XW2.9, 5' WIDE X CONT. AS SHOWN. IF MORE THAN 28 DAYS, CONSULT

CONSTRUCTION JOINT DETAIL
JOINT PERPENDICULAR TO SLAB SPAN



1. PLACE SECOND SLAB AS SOON AS POSSIBLE AFTER FIRST SLAB. IF SECOND SLAB WILL BE PLACED MORE THAN 14 DAYS AFTER FIRST SLAB, ADD W.W.R. 4X4-W2.9XW2.9, 5' WIDE X CONT. AS SHOWN. IF MORE THAN 28 DAYS CONSULT ENGINEER.

CONSTRUCTION JOINT DETAIL
JOINT PARALLEL TO SLAB SPAN



DRAIN INSTALLATION DETAIL - P/T
CONSTRUCTION

FINAL CONSTRUCTION DOCUMENTS	06/10/11
100% REVIEW SUBMISSION (NOT FOR CONSTRUCTION)	04/11/11
75% REVIEW SUBMISSION (NOT FOR CONSTRUCTION)	02/03/11
75% REVIEW SUBMISSION (NOT FOR CONSTRUCTION) - COST ESTIMATE	01/19/11
35% REVIEW SUBMISSION (NOT FOR CONSTRUCTION)	11/22/10

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Civil Engineer/Landscape Architect 332 SOUTH MICHIGAN, SUITE 1400 CHICAGO, ILLINOIS 60604-4367 312.582.2020 Telephone

WALKER PARKING CONSULTANTS Structural Engineer 505 DAVIS ROAD ELGIN, ILLINOIS 60123 847.697.2640 Telephone 847.697.7439 Fax

FAITHFUL+GOULD Cost Management 222 SOUTH RIVERSIDE PLAZA, SUITE 2240 CHICAGO, ILLINOIS 60606 312.612.6319 Telephone 312.655.9037 Fax

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